Index of Claims

| Anr      | ٠ii، | natio | .n/C    | antra | ΙN   | <u> </u> |
|----------|------|-------|---------|-------|------|----------|
| $\sim$ h | ,,,, | auc   | 11 I/ C | ontro | 1 17 | u.       |

10/822,387 Examiner

Michael J. Kyle

Applicant(s)/Patent under Reexamination

SALICE, LUCIANO
Art Unit

3677

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cla   | aim      | Date     |                 |          |          |          | ]        | Claim Date   |        |                      |          |                 |         |              | Claim Date      |          |          |   |      |       |            |          |          |   |          |                 |          |              |           |
|-------|----------|----------|-----------------|----------|----------|----------|----------|--|--------|----------------------|----------|-----------------|---------|--------------|-----------------|----------|----------|---|------|-------|------------|----------|----------|---|----------|-----------------|----------|--------------|-----------|
| Final | inal     | 8/23/05  |                 |          |          |          |          |  |        | Final                | inal     |                 |         |              |                 |          |          |   |      | Final | inal       |          |          |   |          |                 |          |              |           |
| 走     | Original | 8/23     |                 |          |          |          | ŀ        |  |        | 늍                    | Original |                 |         |              |                 |          |          |   |      | Fir   | Original   |          |          |   |          |                 |          |              |           |
|       | 1        | 7        | $\dashv$        | $\Box$   | $\dashv$ | $\dashv$ | _        | _  | 1      |                      | 51       | _               | $\top$  | †            | H               | $\dashv$ | $\dashv$ | H                                       |      |       | 101        | $\dashv$ | $\dashv$ | $\top$  |          | М               |          | $\dashv$     | ┨         |
|       | 2        | 1        |                 | $\Box$   | $\dashv$ |          |          |  | 1      |                      | 52       | $\neg \uparrow$ | $\top$  |              | П               |          | 1        | П                                       |      |       | 102        | 一        |          |   |          | П               |          | $\top$       | ヿ         |
|       | 3        | 1        |                 |          |          |          |          |  |        |                      | 53       |                 |         |              |                 |          |          | П                                       |      |       | 103        |          |          |   |          |                 |          | I            | コ         |
|       | 4        | 1        |                 |          |          |          |          |  |        |                      | 54       |                 |         | $oxed{oxed}$ |                 |          |          |   |      |       | 104        |          |          | $oldsymbol{ol}}}}}}}}}}}}}$ |          |                 |          | $oxed{oxed}$ |           |
|       | 5        | 7        |                 |          |          |          |          |  |        |                      | 55       |                 |         |              |                 |          |          |   |      |       | 105        |          |          |   | L        | Ш               |          |              |           |
| j     | 6        | 1        |                 | $\perp$  |          | 4        |          |  |        |                      | 56       | _               |         | 1            |                 | _        | _ _      | Ш                                       |      |       | 106        | _        | _ _      | _   | ļ        |                 | _        | 4            | Ц         |
|       | 7        | 1        |                 | 11       |          | _        |          |  |        |                      | 57       |                 | _       |              |                 | 4        |          | Ш                                       |      |       | 107        | _        | _        | _   | <u> </u> |                 |          | 4            | _         |
|       | 8        | 1        | $\vdash$        | $\sqcup$ | $\dashv$ | 4        | _        | +  | 4      | $\vdash$             | 58       | _               | +       | ╄            | $\sqcup$        | +        | -        | Н                                       |      |       | 108        | -+       | +        | 4   | ļ        | Ш               | $\dashv$ | +            | ᅴ         |
|       | 9        | 1        |                 | +        |          |          |          |  | 4      |                      | 59       |                 |         | ┼-           | $\vdash$        |          | -        | $\vdash$                                |      |       | 109        | -        | - -      |   | -        | Щ               |          | $\dashv$     | $\dashv$  |
|       | 10       | 1        |                 | ┦        | _        | -        |          |  | -      |                      | 60       | -               |         | +-           |                 |          |          | $\vdash$                                |      |       | 110        | -+       |          | -   | -        | H               | $\dashv$ | 4            | $\dashv$  |
|       | 11<br>12 | 1        | -               | $\vdash$ | $\dashv$ | $\dashv$ | +        | +  | 1      | $\vdash$             | 61<br>62 | +               | +       | +            | $\vdash$        | +        | +        | $\vdash$                                |      |       | 111<br>112 | +        | +        | +   | -        | Н               | $\dashv$ | +            | $\dashv$  |
|       | 13       | 1        |                 | ╂═┤      | $\dashv$ | +        | -        | +  | 1      |                      | 63       | +               | +       | +-           | $\vdash \vdash$ | +        | - -      | $\vdash$                                |      |       | 113        | $\dashv$ | - -      | ╅   | $\vdash$ | Н               | $\dashv$ | +            | $\dashv$  |
|       | 14       | 7        |                 | ++       | -        | +        | +        | +  | 1      |                      | 64       | +               | +       | +            | $\vdash$        | +        | +        | $\vdash$                                |      |       | 114        | +        | +        | +   | 1        | H               | $\dashv$ | +            | $\dashv$  |
|       | 15       | 1        | $\vdash \vdash$ | +        | $\dashv$ | +        | +        | +-   | 1      | $\vdash$             | 65       | +               | +       | +-           | $\vdash$        | +        | $\dashv$ | $\vdash$                                |      |       | 115        | $\dashv$ | -        | +   | $\vdash$ | Н               | $\dashv$ | $\dashv$     | $\dashv$  |
|       | 16       | 1        | $\vdash$        | ⇈        | $\dashv$ | $\dashv$ | $\dashv$ |  | 1      | $\vdash$             | 66       | -               | +       | +            | $\vdash$        | $\dashv$ |          | Н                                       |      |       | 116        | $\dashv$ | 十        | +   |          | H               | $\dashv$ | +            | $\dashv$  |
|       | 17       | 1        |                 | 11       | +        | $\dashv$ | $\dashv$ | +  | 1      |                      | 67       | $\dashv$        | $\top$  | 1            | H               | $\top$   | $\top$   | Ħ                                       |      |       | 117        | $\dashv$ | $\dashv$ | T   |          | H               | $\dashv$ | $\dashv$     | $\dashv$  |
|       | 18       | 1        |                 | 1 1      |          | 7        |          | 1  |        |                      | 68       | $\dashv$        | 1       | T            |                 | $\top$   |          | Ħ                                       |      |       | 118        | $\dashv$ | 1        | 1   |          | m               |          | $\top$       | ┪         |
|       | 19       | 1        |                 | $\Box$   | $\Box$   | $\dashv$ | 1        | 1  | 1      |                      | 69       | $\neg$          | 1       | T            |                 | $\top$   | $\top$   | П                                       |      |       | 119        | $\neg$   | $\top$   |   |          |                 |          | $\top$       | $\exists$ |
|       | 20       | 1        |                 | $\Box$   |          |          |          |  | 1      |                      | 70       | $\neg \uparrow$ |         | $\top$       |                 | $\top$   | $\top$   | П                                       |      |       | 120        | $\dashv$ | 十        | T   |          |                 |          | $\top$       | ヿ         |
|       | 21       |          |                 |          |          |          |          |  |        |                      | 71       |                 |         | Ī            |                 |          |          | П                                       |      |       | 121        |          |          |   |          |                 |          |              | $\exists$ |
|       | 22       |          |                 |          |          |          |          |  | ]      |                      | 72       |                 |         |              |                 |          |          |   |      |       | 122        |          |          |   |          |                 |          |              |           |
|       | 23       |          |                 |          |          |          |          | _  |        |                      | 73       |                 |         |              |                 |          |          |   |      |       | 123        |          |          |   | L        |                 | - 12     |              |           |
|       | 24       |          |                 | Ш        |          |          | _        |  | 1      |                      | 74       |                 | $\perp$ |              |                 |          |          | Ш                                       |      |       | 124        |          |          |   | <u> </u> |                 |          |              |           |
|       | 25       |          |                 | $\sqcup$ |          | _        |          | 4_   | 1      |                      | 75       | _               |         | 4_           |                 |          |          | Ш                                       |      |       | 125        | _        |          |   |          |                 |          | $\perp$      |           |
|       | 26       |          |                 | $\sqcup$ | $\perp$  | $\dashv$ | _        | _  | 4      |                      | 76       | $\perp$         | _       | $\bot$       |                 | _        |          | Н                                       |      |       | 126        | 4        |          |   | -        |                 |          | _            | _         |
|       | 27       |          | _               | $\vdash$ | $\dashv$ | $\dashv$ | _        | +  | 4      | <u> </u>             | 77       | +               |         | ┿            |                 |          |          | $\vdash$                                |      |       | 127        | $\dashv$ | - -      |   | <u> </u> | Щ               | _        | +            | 4         |
|       | 28       |          | -               | +        | -+       | -        |          | +-   | -      | <b> </b>             | 78       |                 | -       | +-           | $\vdash \dashv$ |          | - -      | $\vdash$                                |      |       | 128        | $\dashv$ | -        | - -   | ├        |                 | -        | +            | $\dashv$  |
|       | 29<br>30 |          |                 | +        | $\dashv$ | +        | -        | +  | -      | -                    | 79<br>80 | -+              |         | ┿            | $\vdash$        |          |          | $\vdash\vdash$                          |      |       | 129<br>130 | $\dashv$ | +        | +-  | 1-       | Н               | $\dashv$ | +            | $\dashv$  |
|       | 31       |          |                 | +        | $\dashv$ | $\dashv$ |          | +  | -      | $\vdash$             | 81       |                 | - -     | +            | -+              |          | +-       | Н                                       |      |       | 131        | $\dashv$ | +        | +   | ⊢        | -               | $\dashv$ | +            | ᅱ         |
| -     | 32       |          | -               | $\vdash$ | $\dashv$ | $\dashv$ | +        | +-   | 1      |                      | 82       | $\dashv$        |         | +-           | -               | $\dashv$ | +        | $\vdash\vdash$                          |      |       | 132        | $\dashv$ | +        | +   | $\vdash$ | $\vdash$        | $\dashv$ | +            | $\dashv$  |
|       | 33       | -        |                 | +-+      | 十        | -        | +        | +  | 1      | $\vdash$             | 83       |                 | +       | ╁            | -               |          |          | $\vdash$                                |      |       | 133        | $\dashv$ | +        | +   | H        | H               | $\dashv$ | +            | ᅱ         |
|       | 34       | -        |                 | † †      | $\dashv$ | $\dashv$ | +        | +  | 1      | $\vdash$             | 84       |                 | _       | $\top$       |                 | $\dashv$ |          | +                                       |      |       | 134        | $\dashv$ | +        | $\top$  | t        | Н               | $\dashv$ | $\top$       | ᅱ         |
|       | 35       | -        |                 | $\sqcap$ | $\dashv$ | $\neg$   | $\neg$   | $\top$   | 1      |                      | 85       | $\neg$          | 1       | ┪            |                 | _        |          | $\sqcap$                                |      |       | 135        | $\dashv$ | $\top$   | $\top$  | T        | П               | $\dashv$ | $\top$       | ᅱ         |
|       | 36       |          |                 | П        |          |          |          |  | 1      |                      | 86       | 一               | 1       | 1            | П               | 7        |          | П                                       |      |       | 136        | $\dashv$ | T        | 1   | 1        | П               | $\neg$   | $\neg$       | ヿ         |
|       | 37       |          |                 |          |          |          |          |  |        |                      | 87       |                 |         |              |                 |          |          |   |      |       | 137        |          |          |   |          |                 |          | $\top$       | $\neg$    |
|       | 38       |          |                 |          |          | I        | I        | $oldsymbol{ol}}}}}}}}}}}}}}$ |        |                      | 88       |                 | Ι       |              |                 | 1        |          |   |      |       | 138        |          | Ⅱ        | I   |          |                 |          | 工            |           |
|       | 39       |          |                 | $\Box$   | $\Box$   | $\perp$  | $\bot$   |  |        |                      | 89       |                 |         |              |                 | $\Box$   |          | $\Box$                                  |      |       | 139        |          |          |   |          |                 |          |              |           |
|       | 40       |          |                 | $\Box$   | $\prod$  | $\perp$  | Ţ        |  | 1      |                      | 90       |                 | Ţ       |              | Ш               |          |          | Ш                                       |      |       | 140        | $\Box$   |          | I   | Ĺ        |                 |          | $\perp$      | $\Box$    |
|       | 41       |          |                 | $\sqcup$ | $\dashv$ | _        | $\perp$  | $\perp$  | 1      | $oxed{oxed}$         | 91       | $\perp$         |         | ـــــ        | L               | _        |          | Ш                                       |      |       | 141        | $\perp$  |          |   | $\perp$  | Ш               | $\sqcup$ | $\perp$      |           |
|       | 42       |          |                 | 11       | $\dashv$ | 4        | _        | _  | 4      | Щ                    | 92       | _               | _       | 4_           | <b> </b>        | $\bot$   | $\perp$  | Ш                                       |      |       | 142        | $\perp$  | $\bot$   | $\perp$   | ــــ     | Ш               |          | $\perp$      |           |
|       | 43       |          |                 | Н        | 4        | +        | _        | $\bot$   | 4      | $\sqcup$             | 93       | $\perp$         | $\perp$ | $\bot$       | $\sqcup$        | $\bot$   | $\bot$   | $\sqcup$                                |      |       | 143        | $\perp$  |          | -   |          | Ш               |          | $\dashv$     | $\dashv$  |
|       | 44       | <u> </u> |                 | $\vdash$ | $\dashv$ | 4        | _        | +  | 4      |                      | 94       | $\dashv$        | +       | +            | $\vdash \vdash$ | +        | -        | $\vdash$                                |      |       | 144        | -        | 4        | +-  | ऻ        | Ш               | _        | $\dashv$     | 4         |
|       | 45       | <u> </u> | <del></del>     | +        | $\dashv$ | -        | _        | +  | 4      | $\vdash$             | 95       | +               | +       | +-           | $\vdash$        | +        |          | $\vdash$                                |      |       | 145        | $\dashv$ | +        | +-  | ⊢        | $\vdash$        |          | -            | 4         |
|       | 46<br>47 |          | +               | +        | +        | +        | +        | +  | 4      | $\vdash \vdash \mid$ | 96       | +               |         | +-           | $\vdash$        | +        |          | $\vdash$                                |      |       | 146        | +        | -        | +-  | -        | $\vdash \vdash$ | $\dashv$ | +            | 4         |
|       | 48       | _        |                 | $\vdash$ | $\dashv$ | +        | +        | +  | 1      | $\vdash\vdash\vdash$ | 97<br>98 | +               | +       | ╂            | $\vdash$        | +        | +-       | $\vdash\vdash$                          |      |       | 147        | $\dashv$ | -        | +-  | $\vdash$ | $\vdash \vdash$ | $\dashv$ | +            | $\dashv$  |
|       | 48       | -        | +               | $\vdash$ | +        | +        | +        | +  | 1      | $\vdash \dashv$      | 99       |                 | +       | +            | $\vdash$        | +        |          | $\vdash\vdash$                          |      |       | 148<br>149 | +        | +        | +   | -        | $\vdash$        | -        | +            | $\dashv$  |
|       | 50       |          | -               | ++       | +        | $\dashv$ | +        | +-   | 1      | ├─┤                  | 100      | $\dashv$        |         | +            | $\vdash$        | +        | +-       | $\vdash$                                |      |       | 150        | +        | +        | +   | ╀        | $\vdash$        | $\dashv$ | +            | $\dashv$  |
| 1     | JU       |          |                 | <u> </u> |          |          |          |  | ]::::: | Ц                    | 100      |                 |         |              | $-\bot$         |          |          | لــــــــــــــــــــــــــــــــــــــ | :::: |       | 130        |          |          |   | 1        |                 | 1        |              | - 1       |